



Cumulative Results

Locations	54
Collected	317
Tested	257

Influenza A 2

A(H1N1)pdm09	0
A(H3N2)	2
A/not subtyped	0

Influenza B* 1

B	1
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Other Respiratory Pathogens 90

Adenovirus	15
<i>Bordetella pertussis</i>	0
<i>Chlamydomphila pneumoniae</i>	0
Coronavirus	1
Human Metapneumovirus	0
<i>Mycoplasma pneumoniae</i>	9
Parainfluenza	27
RSV	3
Rhino/Enterovirus	28
Non-influenza Co-infections	7

Lab data are current as of 9 November 2015.
Results are preliminary and may change as
more results are received.

*Influenza B lineages will be reported in the
periodic molecular sequence reports.

Respiratory Highlights

25 October - 7 November 2015 (Surveillance Weeks 43 & 44)

- During 25 October - 7 November 2015, a total of 142 specimens were collected and received from 44 locations. Results were finalized for 87 specimens from 34 locations. One influenza B virus was identified during Week 43, and one influenza A(H3N2) was identified in Week 44.
- During Week 43 (25 - 31 October 2015), influenza activity was low in the United States. **Viral Surveillance:** The most frequently identified influenza virus type reported by public health laboratories in Week 43 was influenza A, with influenza A(H3N2) viruses predominating. **Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.4%, which is below the national baseline of 2.1%. **Geographic Spread of Influenza:** The geographic spread of influenza in Guam was reported as regional; two states reported local activity; Puerto Rico and 40 states reported sporadic activity; the U.S. Virgin Islands, the District of Columbia, and eight states reported no influenza activity (CDC FluView Week 43, cited 12 November 2015).

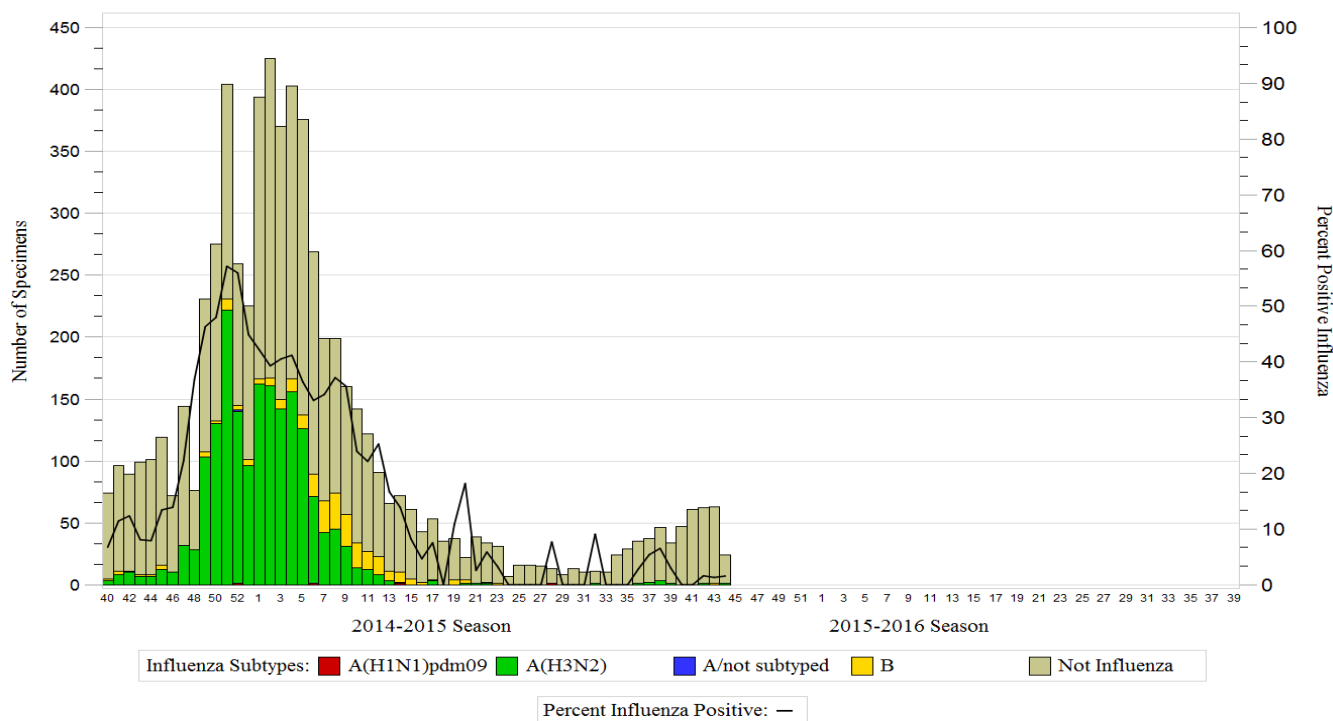
Table 1. Results by region and location for specimens collected during Weeks 43 & 44

		A(H3N2)	B	Adenovirus	Coronavirus	<i>M. pneumoniae</i>	Parainfluenza	RSV	Rhino/Enterovirus	No Pathogen	Total
Region*											
PACOM	Kadena AB, Japan	-	-	-	-	-	-	-	1	-	1
	Yokota AB, Japan	-	-	-	-	-	-	-	-	1	1
Region 1	Hanscom AFB, MA	-	-	-	-	-	-	-	-	1	1
	NHCNE Newport, RI	-	-	-	-	-	-	-	-	1	1
Region 2	JB McGuire-Dix-Lakehurst, NJ	-	-	-	-	-	-	-	1	1	2
	USMA - West Point, NY	-	1	-	-	1	-	-	-	-	5
Region 3	JB Anacostia-Bolling, DC	-	-	-	-	-	-	-	-	1	1
	NMC Portsmouth, VA	-	-	-	-	-	-	-	1	3	4
Region 4	Columbus AFB, MS	-	-	-	-	-	-	-	-	1	1
	Eglin AFB, FL	-	-	-	-	-	1	-	-	2	3
	Ft Bragg, NC	-	-	1	-	-	-	-	-	2	3
	Ft Campbell, KY	-	-	-	-	-	1	-	-	-	1
	Keesler AFB, MS	-	-	-	-	-	-	-	-	1	1
	MacDill AFB, FL	-	-	-	-	1	-	-	-	-	1
	Moody AFB, GA	-	-	-	-	-	1	-	2	2	5
	NH Jacksonville, FL	-	-	1	-	-	-	-	-	-	1
	Shaw AFB, SC	-	-	-	-	1	-	-	-	1	2
Region 5	Scott AFB, IL	-	-	1	-	-	1	-	-	3	5
Region 6	Altus AFB, OK	-	-	-	-	-	1	-	-	2	3
	Cannon AFB, NM	-	-	1	-	-	-	-	1	-	2
	Laughlin AFB, TX	-	-	-	1	-	-	-	-	-	1
	Little Rock AFB, AR	-	-	-	-	-	-	-	-	1	1
	Sheppard AFB, TX	-	-	-	-	1	-	-	1	3	5
	Tinker AFB, OK	-	-	-	-	-	1	-	-	1	2
Region 7	Ft Leavenworth, KS	-	-	-	-	-	-	-	-	3	3
	McConnell AFB, KS	1	-	-	-	-	-	-	1	2	4
Region 8	Ellsworth AFB, SD	-	-	1	-	-	-	-	-	1	2
	FE Warren AFB, WY	-	-	-	-	-	-	-	1	1	2
	Hill AFB, UT	-	-	1	-	-	-	-	-	1	2
	Peterson AFB, CO	-	-	1	-	-	-	-	-	-	1
	USAF Academy, CO	-	-	-	-	-	-	-	-	2	2
Region 9	Davis-Monthan AFB, AZ	-	-	-	-	-	-	-	-	1	1
	Nellis AFB, NV	-	-	2	-	-	1	1	-	1	5
Region 10	NH Bremerton, WA	-	-	-	-	-	3	-	3	4	10
Total		1	1	9	1	3	11	1	12	48	87

*CONUS locations are based on Health & Human Services regions. Other locations are defined by COCOM.

Laboratory Results - Cumulative for Season

Graph 1. Percent influenza positive by week: 2014-2015 surveillance year and through Week 44 of the 2015-2016 surveillance year



Note: Dual influenza co-infections are excluded from this graph. Specimens with pending results are used in the denominator to calculate percent positive, but are not displayed in the graph.

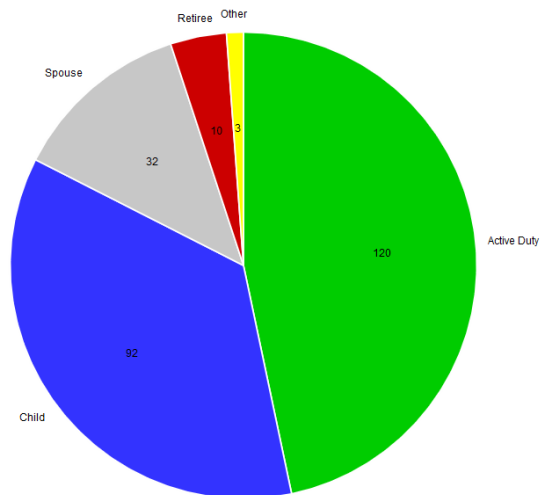
Table 2. ILI by age group for the 2015-2016 surveillance year through Week 44

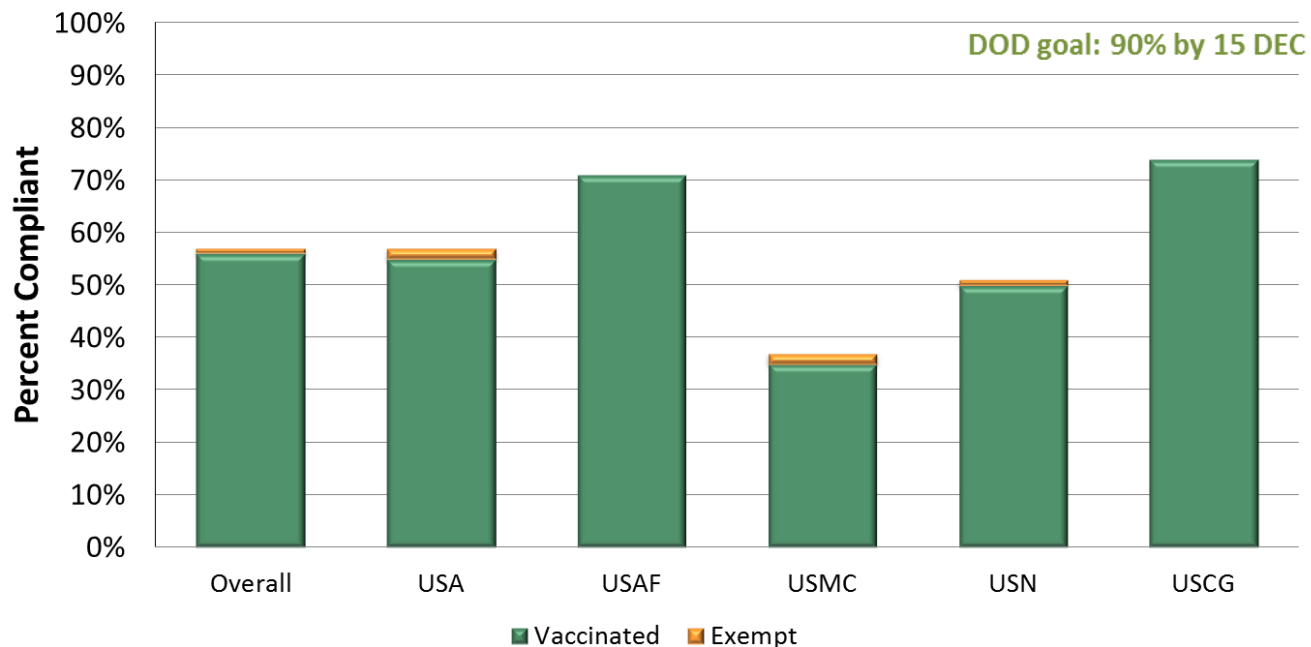
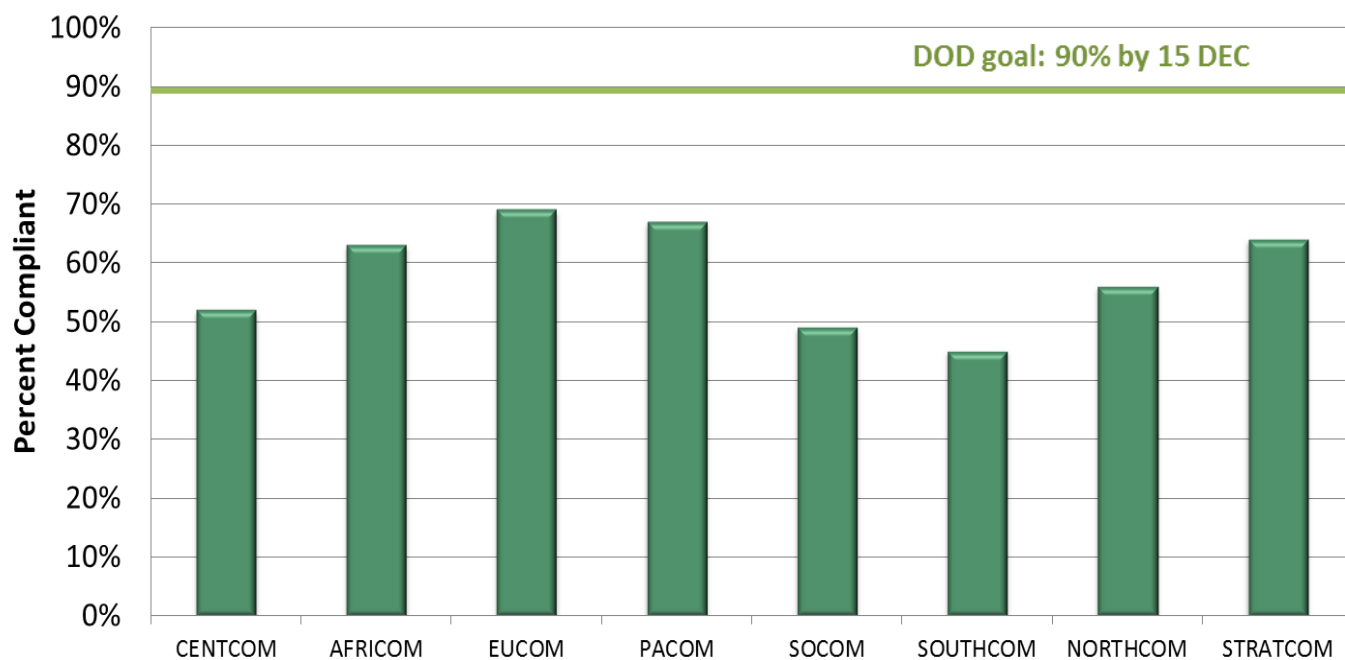
Age Group	Frequency	Percent
0-5	60	23.35
6-9	16	6.23
10-17	16	6.23
18-24	56	21.79
25-44	87	33.85
45-64	20	7.78
65+	2	0.78

Demographic Summary

Of 257 ILI cases, 120 are service members (46.7%), 92 are children (35.8%), 32 are spouses (12.4%), and 13 (5.1%) are retirees and other beneficiaries. The median age of ILI cases with known age (n=257) is 22 (range 0, 85) .

Graph 2. ILI by beneficiary status for the 2015-2016 surveillance year through Week 44



Graph 3. Influenza Immunization Status by Service‡**Graph 4. Influenza Immunization Status by Combatant Command‡**

‡Courtesy of DHA Immunizations Healthcare Branch

Laboratory Results—Through Current Surveillance Week 44

Table 3. Cumulative results by region and location for specimens collected during the 2015-2016 surveillance year

Region*		A(H3N2)	B	Adenovirus	Coronavirus	M. pneumoniae	Parainfluenza	RSV	Rhinovirus/Enterovirus	Non-Influenza Co-Infection	No Pathogen	Total
PACOM	Eielson AFB, AK	-	-	-	-	-	-	-	-	-	2	2
	JR Marianas - Andersen AFB, Guam	-	-	-	-	-	-	-	-	1	-	-
	Kadena AB, Japan	-	-	-	-	-	-	-	2	-	2	4
	Misawa AB, Japan	-	-	-	-	-	-	1	1	-	1	3
	Yokota AB, Japan	-	-	-	-	1	-	1	-	-	5	7
Region 1	Hanscom AFB, MA	-	-	1	-	-	-	-	-	-	3	4
	NHCNE Newport, RI	-	-	-	-	-	-	-	1	-	1	2
Region 2	JB McGuire-Dix-Lakehurst, NJ	-	-	-	-	-	-	-	3	-	1	4
	USMA - West Point, NY	-	1	-	-	1	1	-	-	1	15	19
Region 3	Dover AFB, DE	-	-	-	-	-	-	-	-	-	2	2
	JB Anacostia-Bolling, DC	-	-	-	-	-	-	-	-	-	1	1
	JB Andrews, MD	-	-	-	-	1	-	-	-	-	-	1
	JB Langley-Eustis, VA	-	-	-	-	-	-	-	-	-	1	1
	NMC Portsmouth, VA	-	-	-	-	1	-	-	1	1	7	10
Region 4	CGS Mobile, AL	-	-	-	-	-	-	-	-	-	1	1
	Columbus AFB, MS	-	-	-	-	-	-	-	-	-	4	4
	Eglin AFB, FL	-	-	1	-	-	3	-	-	-	3	7
	Ft Bragg, NC	-	-	1	-	-	-	-	-	-	3	4
	Ft Campbell, KY	-	-	-	-	-	1	-	1	-	3	5
	Hurlburt Field, FL	-	-	-	-	-	-	-	-	1	-	1
	Keesler AFB, MS	-	-	-	-	1	-	-	1	-	6	8
	MacDill AFB, FL	-	-	-	-	-	1	-	-	-	-	1
	Maxwell AFB, AL	-	-	-	-	-	-	-	-	-	1	1
	Moody AFB, GA	-	-	2	-	-	2	-	3	-	6	13
	NH Jacksonville, FL	-	-	1	-	-	-	-	-	-	1	2
	Shaw AFB, SC	-	-	-	-	1	-	-	-	-	1	2
	Tyndall AFB, FL	-	-	-	-	-	-	-	-	1	1	2
Region 5	Scott AFB, IL	-	-	1	-	-	1	-	-	-	5	7
	Wright-Patterson AFB, OH	-	-	-	-	-	-	-	1	-	-	1
Region 6	Altus AFB, OK	-	-	-	-	-	2	-	-	-	5	7
	Cannon AFB, NM	-	-	1	-	-	-	-	1	-	2	4
	Laughlin AFB, TX	-	-	-	1	-	-	-	-	-	1	2
	Little Rock AFB, AR	-	-	-	-	-	-	-	-	-	1	1
	Sheppard AFB, TX	-	-	-	-	1	-	-	3	-	14	18
	Tinker AFB, OK	-	-	-	-	-	3	-	-	1	7	11
	Vance AFB, OK	-	-	-	-	-	1	-	-	-	5	6
Region 7	Ft Leavenworth, KS	-	-	-	-	-	-	-	-	-	5	5
	McConnell AFB, KS	1	-	-	-	1	-	-	1	-	5	8
	Offutt AFB, NE	-	-	1	-	-	-	-	-	-	7	8
Region 8	Ellsworth AFB, SD	-	-	1	-	1	-	-	-	-	2	4
	FE Warren AFB, WY	-	-	-	-	-	-	-	2	-	5	7
	Hill AFB, UT	-	-	1	-	-	-	-	-	-	4	5
	Peterson AFB, CO	-	-	1	-	-	-	-	-	-	-	1
	USAF Academy, CO	-	-	-	-	-	3	-	1	-	5	9
Region 9	Davis-Monthan AFB, AZ	-	-	-	-	-	-	-	-	-	2	2
	Edwards AFB, CA	-	-	-	-	-	-	-	-	-	2	2
	Nellis AFB, NV	-	-	3	-	-	2	1	1	-	1	8
	Travis AFB, CA	-	-	-	-	-	1	-	-	-	-	1
	USCG Island Alameda, CA	-	-	-	-	-	-	-	-	-	1	1
Region 10	Mt Home AFB, ID	-	-	-	-	-	-	-	-	-	1	1
	NH Bremerton, WA	1	-	-	-	-	6	-	5	1	13	26
Total		2	1	15	1	9	27	3	28	7	164	257

*CONUS locations are based on Health & Human Services regions. Other locations are defined by COCOM.

Monthly EUCOM Respiratory Surveillance Supplemental Report Through 7 November 2015

In cooperation and agreement with U.S. Army Public Health Command Region-Europe (PHCR-E), the DoD Global, Laboratory-based, Influenza Surveillance Program has analyzed data from surveillance sites that submit specimens to Landstuhl Regional Medical Center (LRMC), Germany. LRMC's laboratory is the forward laboratory for military sites in Europe.

Lab results are preliminary and may change as more results are received.

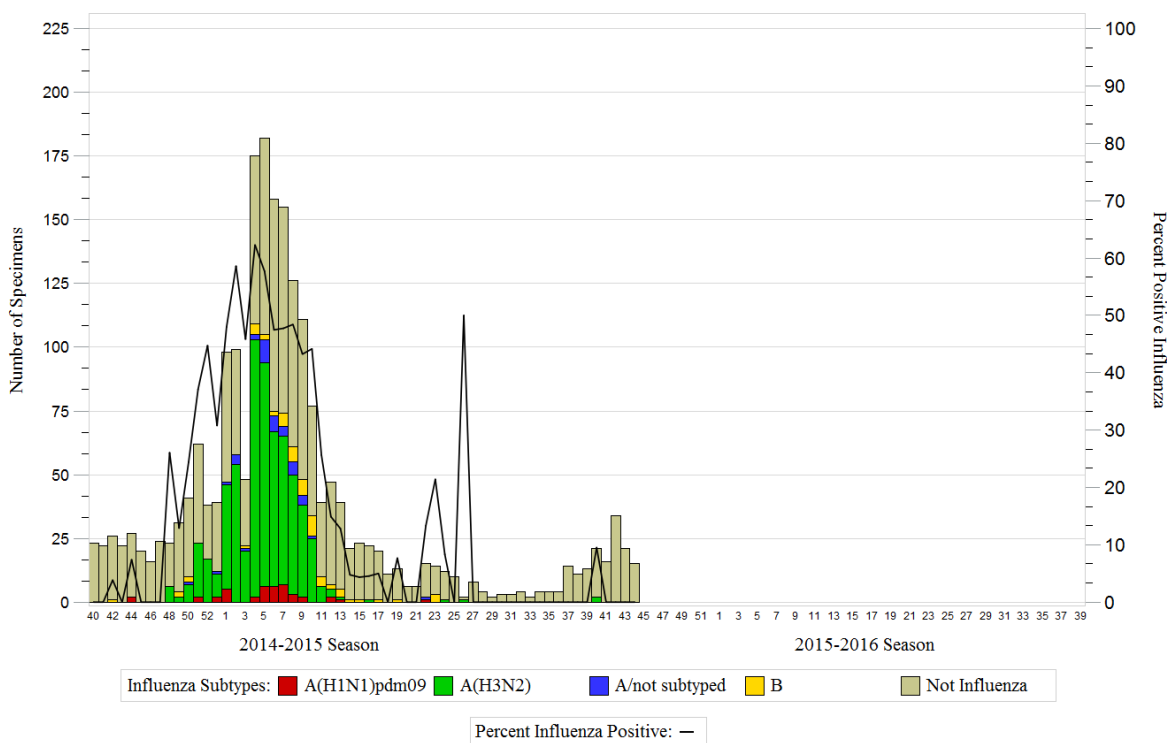
Table 4. Results by region and location for specimens collected and finalized during Week 43 & 44

Region		Parainfluenza	RSV	Rhinovirus/ Enterovirus	No Pathogen	Total
EUCOM	Landstuhl RMC, Germany	2	-	5	11	18
	NAVSTA Rota, Spain	1	-	-	1	2
	NSA Naples, Italy	-	-	-	1	1
	RAF Lakenheath, England	1	1	1	2	5
	Ramstein AB, Germany	1	-	-	-	1
	USAG Stuttgart, Germany	-	-	3	3	6
	Vilseck AHC, Germany	-	-	1	2	3
Total		5	1	10	20	36

Table 5. Cumulative results by region and location for specimens collected during the 2015-2016 surveillance year

Region		A(H3N2)	Adenovirus	Parainfluenza	RSV	Rhinovirus/Enterovirus	Para & Rhino/Entero	No Pathogen	Total
Deployed	Country 6, Location A	-	-	-	-	1	-	2	3
EUCOM	Aviano AB, Italy	-	-	-	-	-	-	1	1
	Incirlik AB, Turkey	-	-	1	-	1	-	1	3
	Landstuhl RMC, Germany	-	-	5	-	7	-	18	30
	NAVSTA Rota, Spain	-	-	1	-	1	-	1	3
	NSA Naples, Italy	-	-	-	-	1	-	2	3
	RAF Lakenheath, England	2	1	3	1	8	1	15	31
	Ramstein AB, Germany	-	-	2	-	1	-	-	3
	USAG Stuttgart, Germany	-	-	2	-	7	-	9	18
	USAG Vicenza, Italy	-	-	-	-	1	-	3	4
	Vilseck AHC, Germany	-	-	1	-	2	-	5	8
Total		2	1	15	1	30	1	57	107

Graph 3. Percent influenza positive by week: 2014-2015 surveillance year and through Week 44 of the 2015-2016 surveillance year



Note: Dual influenza co-infections have been excluded from the graph.

Errata:

[DoD Global, Laboratory-based,
Influenza Surveillance Program](https://gumbo2.wpafb.af.mil/epi-consult/influenza/index.cfm)
<https://gumbo2.wpafb.af.mil/epi-consult/influenza/index.cfm>

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